

Fig. 1.

(PRIOR ART)

Replacement Sheet

S/N: 10/717,741 Attorney Docket: MS1-4096US Inventor: Conroy, et al.
Title: Send by Reference in a Customizable, Tag-based Protocol

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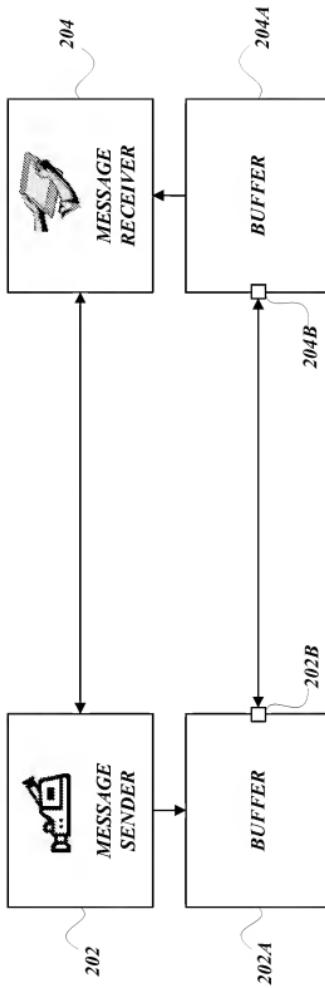
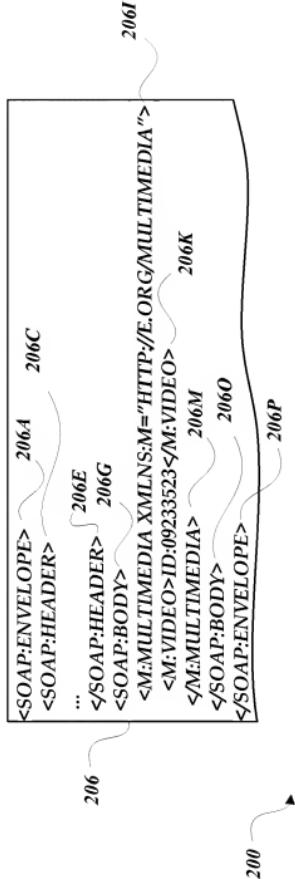


Fig.2A.

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206
206E
206F
206G
<SOAP:HEADER>
<SOAP:BODY>
<M:MULTIMEDIA XMLNS:M="HTTP://E.ORG/MULTIMEDIA">
<M:VIDEO ID="09233523"><M:VIDEO>
<M:206MMEDIA>
<SOA:206O>
</SOAP:ENVVELOPE>

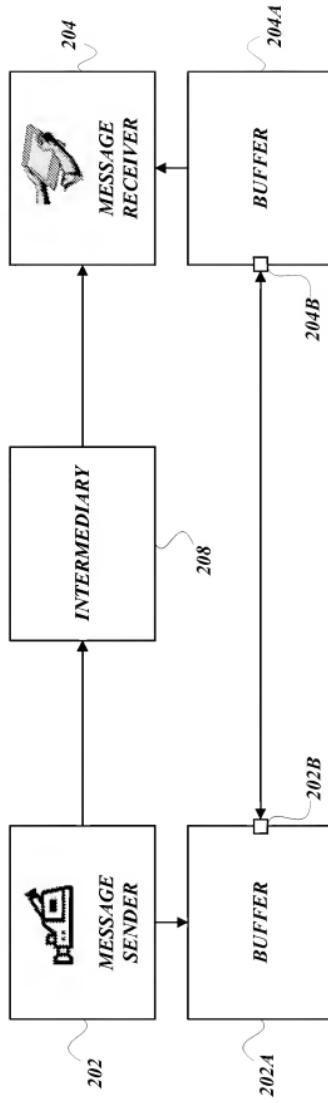


Fig.2B.

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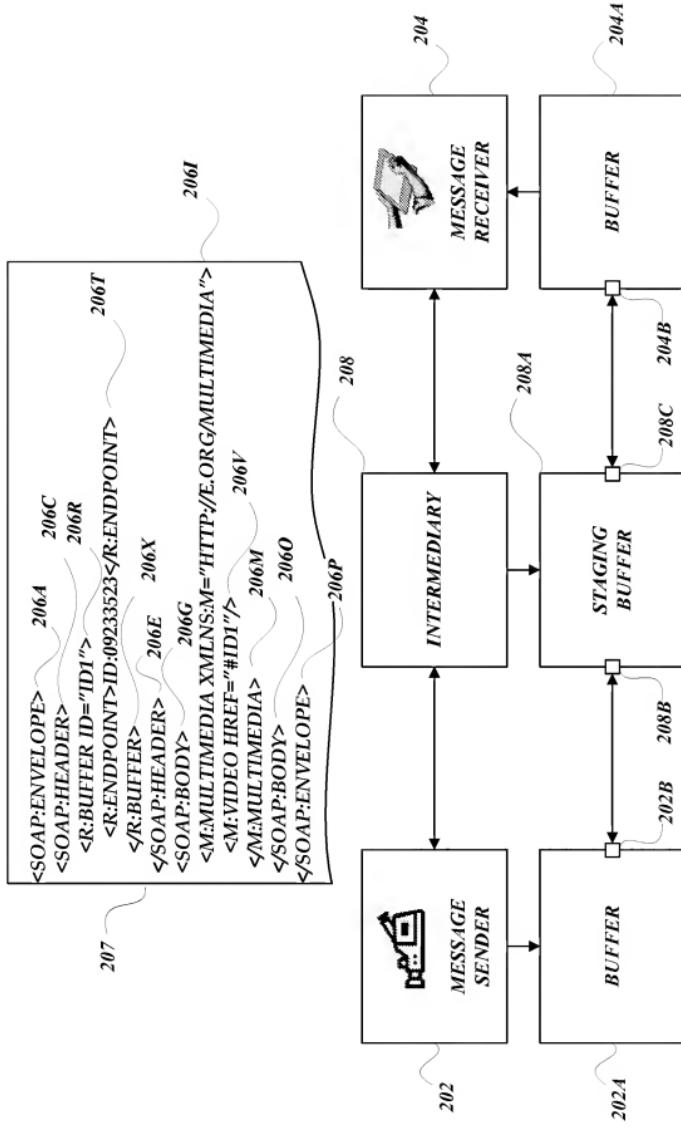


Fig.2C.

```
300 <SOAP:ENVELOPE XMLNS:S="HTTP://WWW.W3.ORG/2003/05/SOAP-ENVELOPE">
304   <SOAP:HEADER>
304     <R:RDMA XMLNS:R="HTTP://MAGNET/CONTRACTS/2003/08/RDMA-XSD">
304       <R:SERVICEINFO SERVICE="RDMAP:09233523-345B-4351-B623-5DSF35SG5D6">
304         <R:HOST>EXAMPLE.COM<R:HOST>
304           <R:PROTOCOL>6<R:PROTOCOL>
310             <R:PORT>808<R:PORT>
312               <R:CONTRACT>HTTP://EXAMPLE.ORG/RDMA/READ<R:CONTRACT>
316                 <R:TAG>983452346<R:TAG>
318                   <R:LENGTH>231245646<R:LENGTH>
320                     <R:SERVICEINFO>
322                       <R:RDMA>
324                         <R:HEADER>
326                           <SOAP:HEADER>
328                             <M:MULTIMEDIA XMLNS:M="HTTP://EXAMPLE.ORG/MULTIMEDIA">
330                               <M:VIDEO>RDMAP:09233523-345B-4351-B623-5DSF35SG5D6<M:VIDEO>
332                                 <M:MULTIMEDIA>
334                                   <M:VIDEO>
336                                     <SOAP:BODY>
338                                       <SOAP:ENVELOPE>
```

Fig.3.

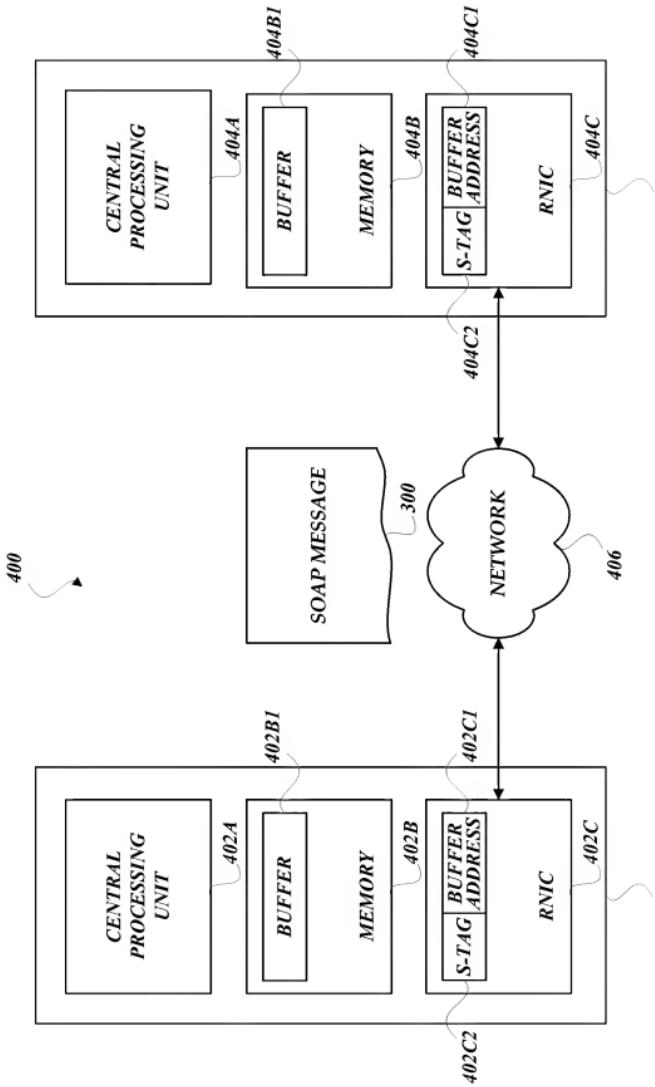
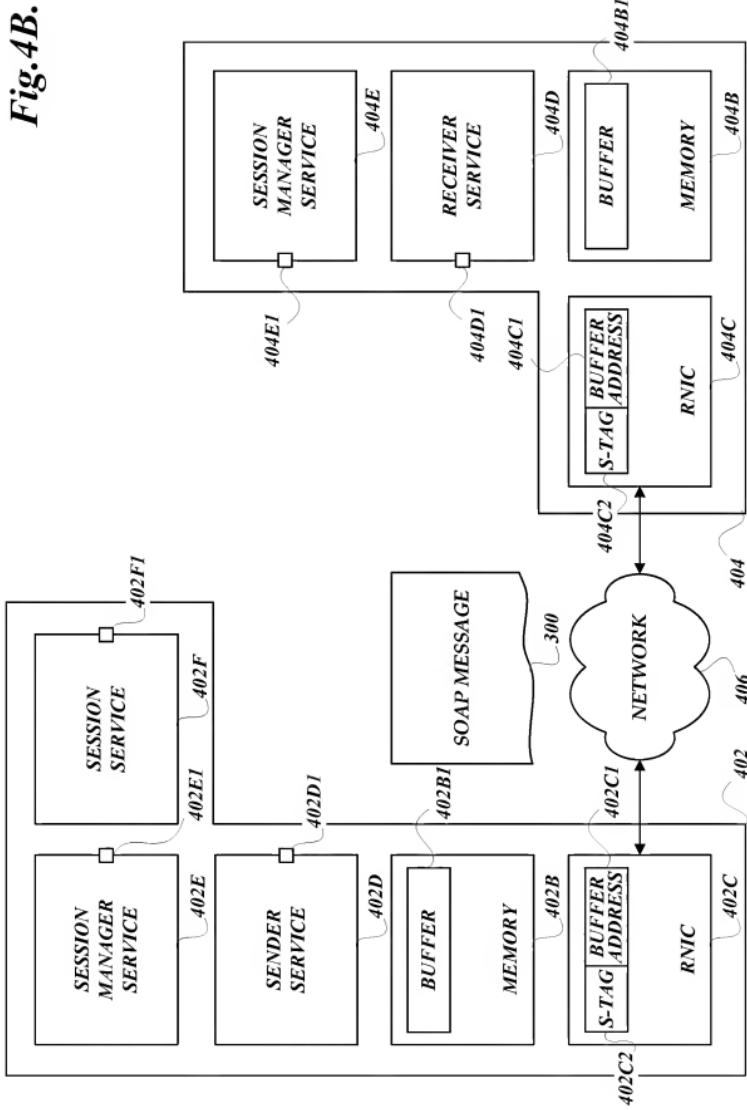


Fig.4A.

Fig. 4B.



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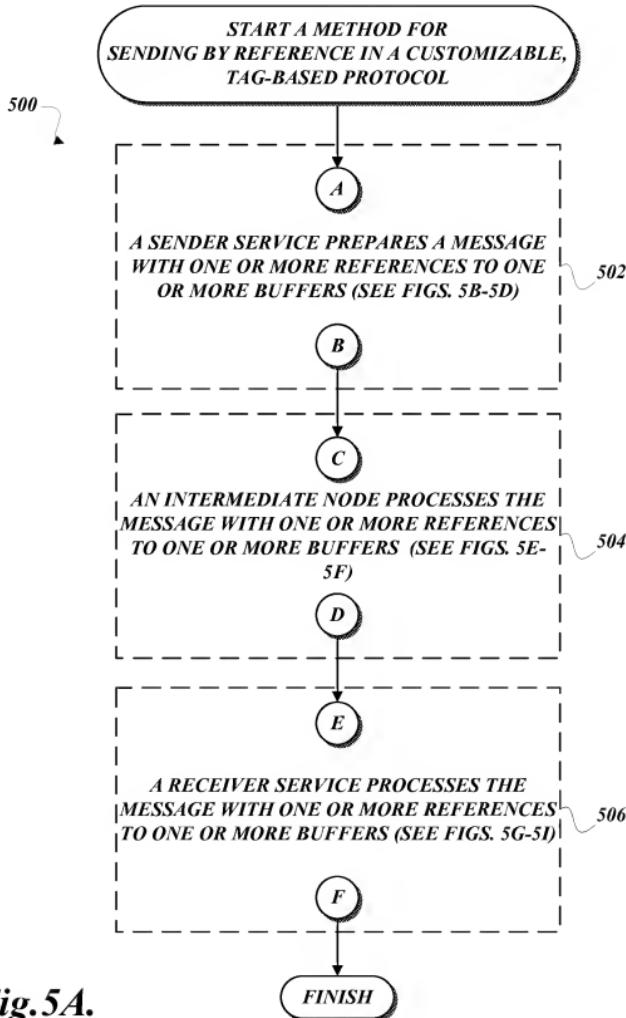


Fig. 5A.

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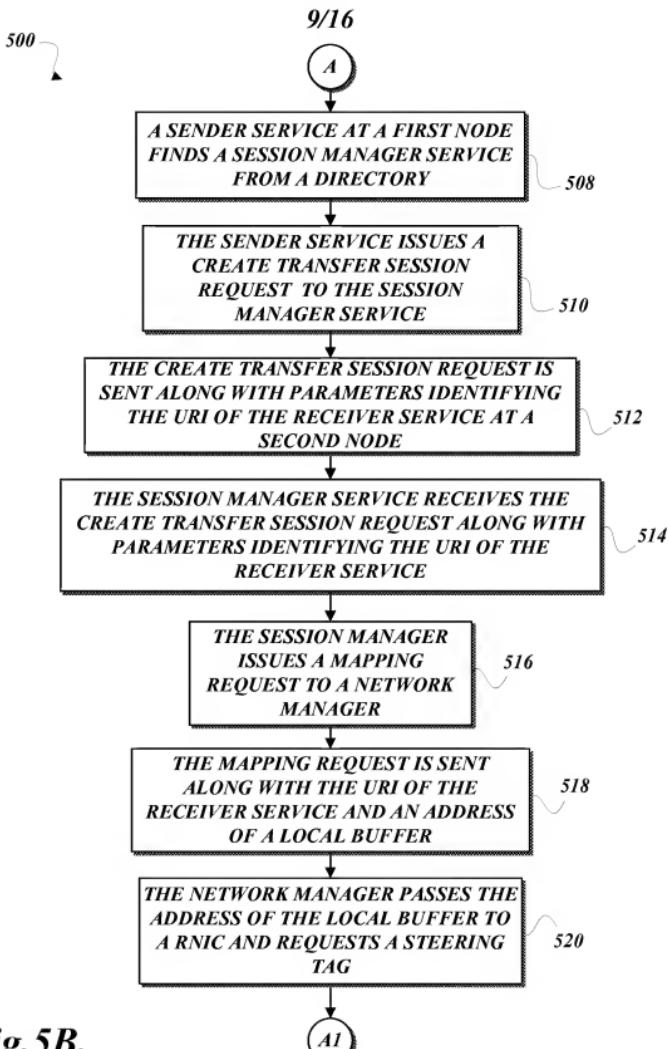


Fig. 5B.

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500

A1

THE RNIC ASSOCIATES A STEERING TAG WITH THE
ADDRESS OF THE LOCAL BUFFER AND RETURNS THE
STEERING TAG ALONG WITH A NETWORK PORT
NUMBER

522

THE SESSION MANAGER CREATES A SESSION
SERVICE WITH A URI WHICH CAN PROVIDE A
TRANSFER CONTEXT (TO BE CREATED)

524

THE SESSION MANAGER CREATES A TRANSFER
CONTEXT, WHICH RELATES THE STEERING TAG
WITH THE ADDRESS OF THE LOCAL BUFFER

526

THE SESSION SERVICE IN ESSENCE REPRESENTS THE
LOCAL BUFFER ALLOWING OTHER SERVICES TO QUERY
FOR META DATA INFORMATION, SUCH AS THE TRANSFER
CONTEXT

528

THE SESSION MANAGER ISSUES A CREATE TRANSFER
SESSION RESPONSE TO THE SENDER SERVICE (ALONG IS
SENT THE URI OF THE SESSION SERVICE AND THE
TRANSFER CONTEXT)

530

THE SENDER SERVICE RECEIVES THE CREATE
TRANSFER SESSION RESPONSE ALONG WITH THE
URI OF THE SESSION SERVICE AND THE TRANSFER
CONTEXT

532

A2

Fig.5C.

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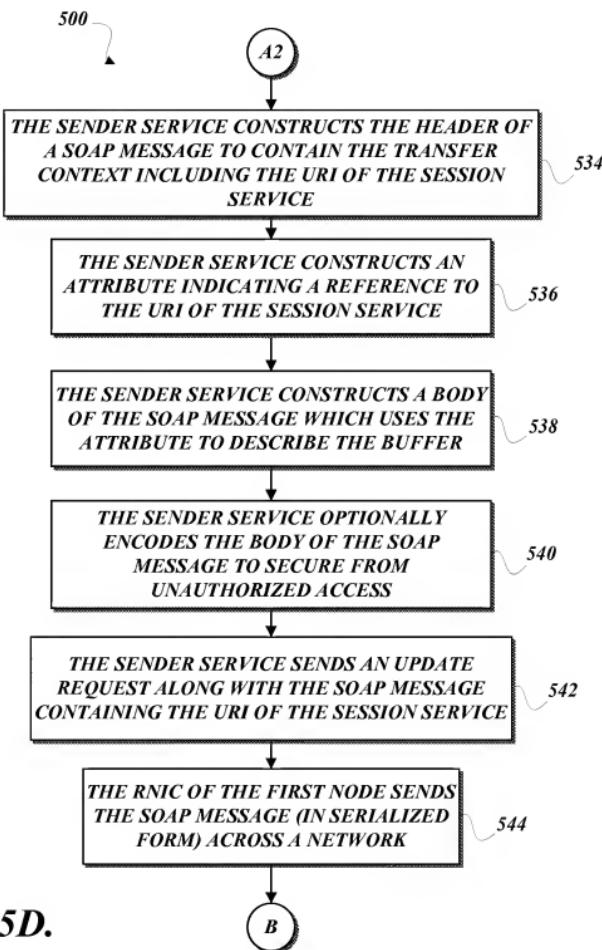


Fig.5D.

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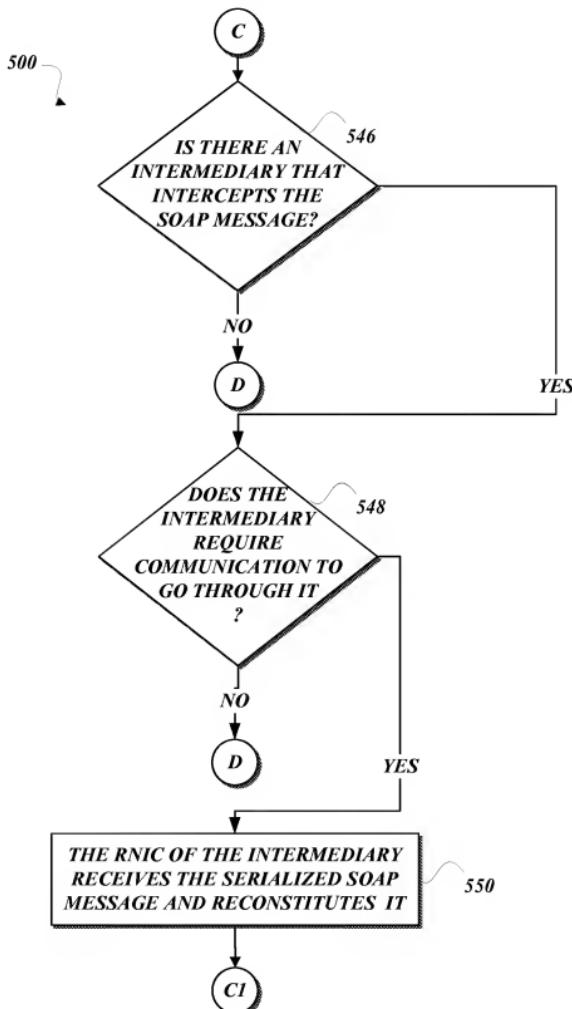


Fig.5E.

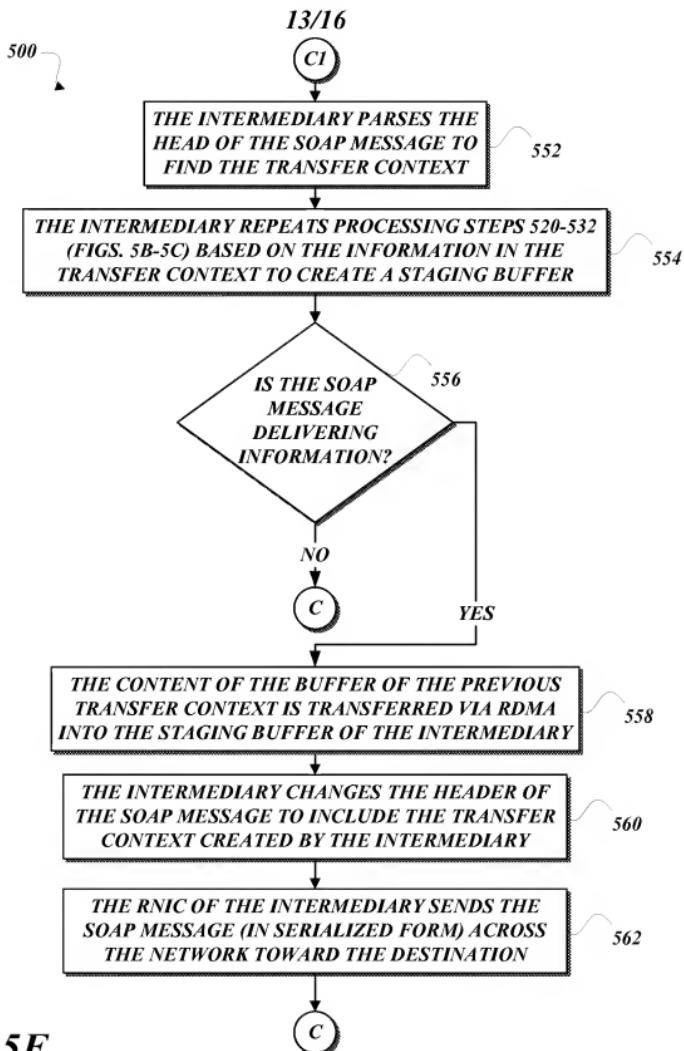


Fig.5F.

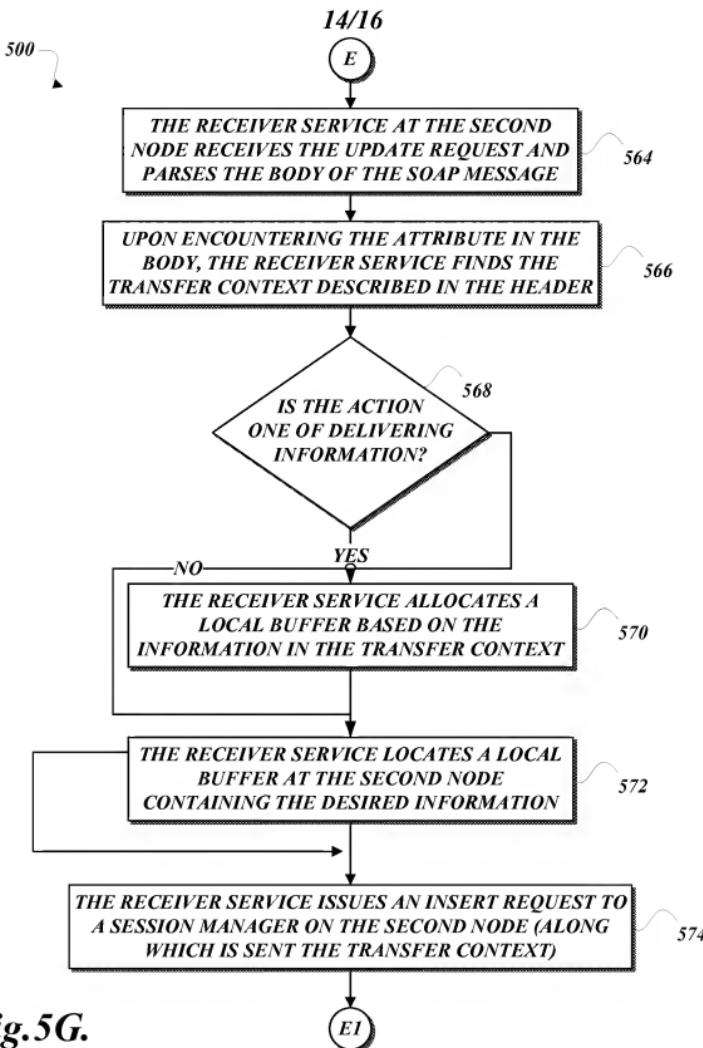


Fig.5G.

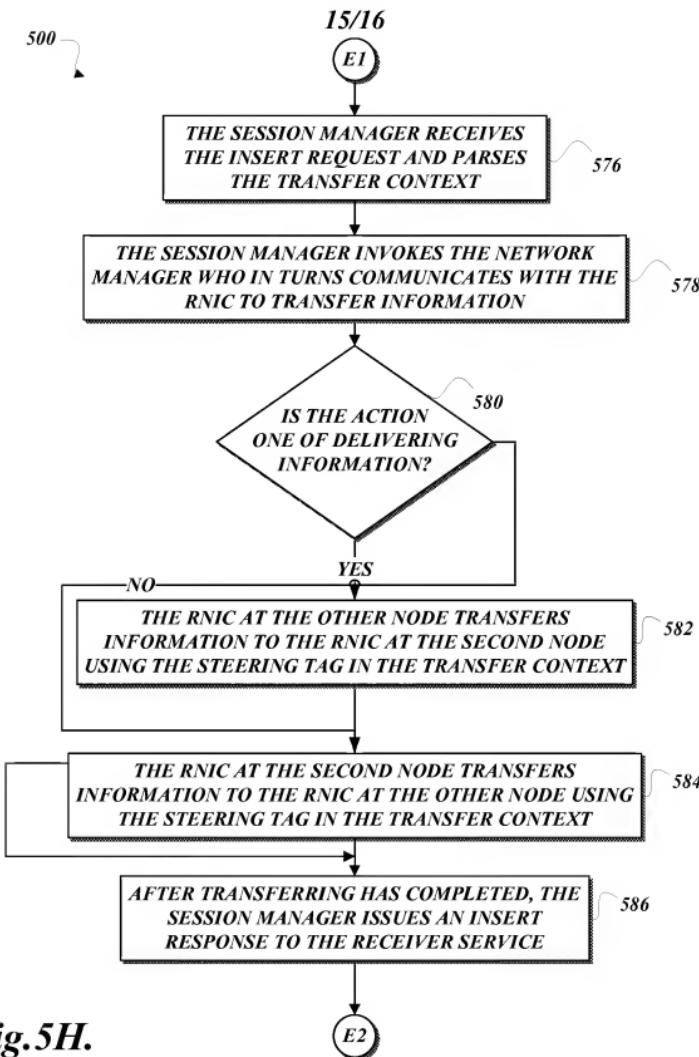


Fig.5H.

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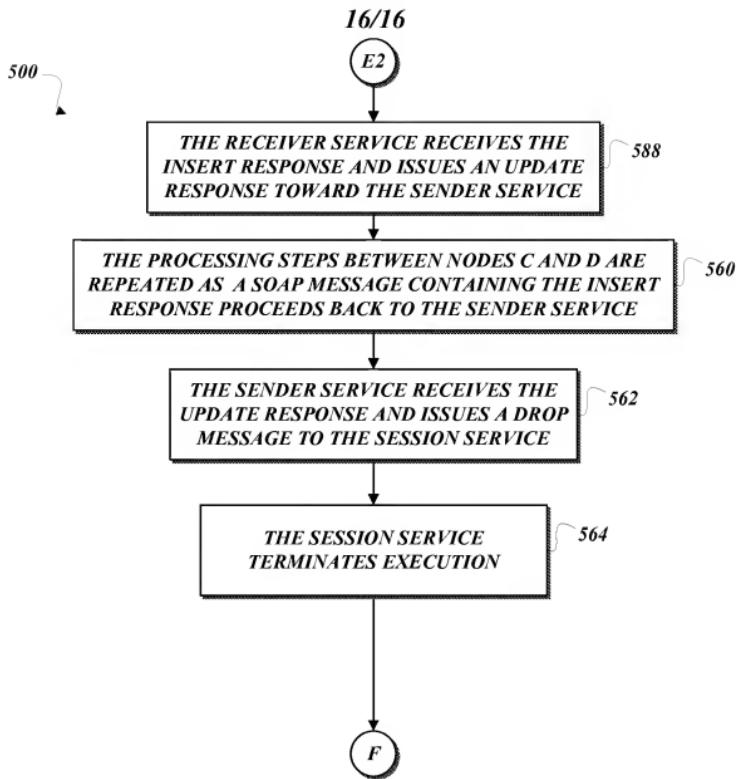


Fig.5I.